ABSTRACT OF THE DISCLOSURE

A high strength titanium copper alloy consists of Ti at 2.0% by mass or more to 3.5% by mass or less; the balance of copper and inevitable impurities; an average grain size of 20 μm or less; and a 0.2% proof stress expressed by "b" of 800 N/mm^2 or more. The alloy further comprises a bending radius ratio (bending radius/sheet thickness) not causing cracking as expressed by "a" by a W-bending test in a transverse direction to a rolling direction, wherein "a" and "b" satisfy a ≤ 0.05xb - 40